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# NORTHERN SEED



VALLEY CITY, N.D.



Catalog  
1921

We offer this, our 1921 catalog, to the trade and wish to thank the many thousands old and new customers who favored us with their orders during the past season.

We solicit your orders for the coming season and assure you that each order will have our best attention. To our old customers we wish to say that our goods and service will be equal and better if we can find any way to improve them—to what they were in the past. To those who have not used our seeds we wish to say that we have printed a few of the many letters we have received from satisfied customers but we have customers in every locality in North and South Dakota, eastern Montana, and western Minnesota and we would be pleased to send you a list of customers in your vicinity if you want to ask your neighbors about us before ordering.

Our country has never experienced higher prices than have been paid for the necessities of life during the past year. A good garden will produce an abundant supply of fresh, wholesome vegetables at a small cost and make a decided reduction in the cost of living.

Upon the farm, labor costs more, interest is higher, machinery and every other thing that enters into the cost of a crop is higher. So it is necessary that each acre produce the largest crop possible. The best seed costs but little more than the poorer sorts, and the increase of yield will many times pay any difference in the cost of seed.

This is the age of specialists; where the old family doctor treated the ailments of the entire community, today there are a dozen specialists each treating some particular part of the human system or some special class of ailments and the average life of human beings is 24 per cent more than it was fifty years ago; instead of one large store that sold anything a person required, you find a shoe store, grocery store, drug store, clothing store, etc., each handling its own line better than the old general store did. We are seed specialists—it is not possible to have a seed store in each community and just as you would go to an eye specialist for treatment for your eyes or the dentist to have a tooth fixed, we think that you should send to a seed specialist for your seeds.

Send us a trial order and we are satisfied that the crop you will harvest will make you a customer of ours forever.

Yours very truly,

NORTHERN SEED COMPANY.



# NORTHERN SEED COMPANY

## VALLEY CITY, NORTH DAKOTA

President, A. P. Peake

Vice President and Manager, A. B. Cox

Secretary-Treasurer, Chas. W. Nelson

Assistant Secretary-Treasurer, Willie Murphy

### ASPARAGUS

One ounce of seed for 400 plants.

This is one of the most delicious vegetables taken from the garden and when a bed is producing shoots, they are the first green thing in the spring. It requires more work and time to start than other vegetables but a bed will last six or eight years after being started and a little work each season insures a generous supply of shoots.



Conover's Colossal

Plants should be started indoors and transplanted into rows a foot apart after danger of frost is past; leave the plants in the ground over winter and the next spring set into a permanent bed which has been well worked to a depth of six or eight inches; a deep filling or rotten manure does best. Set the roots three feet apart each way and keep cultivated. The shoots that are eaten start near the ground and should grow about six inches long. The plant will continue to send out shoots until the middle of July and each fall, after the first year, cut the plant back to the ground.

Conover's Colossal — The best variety for the northwest. Price: Packet 5c; ounce 10c  $\frac{1}{4}$  pound 25c; pound 80c. Postpaid.

### BEANS

One pound of seed for 100 feet of row.

Beans should be planted after killing frosts are over and will grow upon almost any kind of soil.

Michigan White Wax—A very early dwarf snap bean which retains its excellent color and flavor when cooked green and yields a nice crop of ripe beans if allowed to mature. Price: Packet 10c;  $\frac{1}{4}$  pound 20c;  $\frac{1}{2}$  pound 30c; pound 50c. Postpaid.

Golden Wax—The main crop for string beans. A round golden pod that will almost melt in the mouth when cooked. Prices: Packet 5c;  $\frac{1}{4}$  pound 15c;  $\frac{1}{2}$  pound 25c; pound 40c; 5 pounds \$1.75. Postpaid.

Black Wax—Not so early as Golden Wax but produces a heavier crop of firm large pods that are stringless. Price: Packet 5c;  $\frac{1}{4}$  pound 15c;  $\frac{1}{2}$  pound 20c; pound 30c; 5 pounds \$1.25. Postpaid.

Extra Early Red Valentine—The market gardener's choice—A crop of long green pods usually very even in size and often ready to pick in five weeks from planting. Price: Packet 5c;  $\frac{1}{4}$  pound 15c;  $\frac{1}{2}$  pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

The three varieties described above are the best bush beans for this country; here are the pole beans:

Long Yellow Six Weeks—Named for the color of the seed and the length of time required to produce a crop. Price: Packet 5c;  $\frac{1}{4}$  pound 15c;  $\frac{1}{2}$  pound 25c; pound 40c; 5 pounds \$1.85. Postpaid.

**Kentucky Wonder**—Slower than the dwarf beans and yields a heavier crop; will continue to yield a long time if pods are picked close. Price: Packet 5c; ¼ pound 15c; ½ pound 25c; pound 40c; 5 pounds \$1.80. Postpaid.

String beans must be picked at the right time and used when picked; field beans may be left upon the vines and threshed when there is time; they will last for years and make the best substitute that is grown in the garden for meat.

**Navy White**—We have a large stock of home grown, hand picked navy beans which we offer at Packet 5c; ¼ pound 10c; pound 25c; 5 pounds \$1.10. Postpaid.

**Great Northern Bean**—A North Dakota selection of navy beans that yields a heavier crop of finer flavored beans than the parent stock. Price: Packet 5c; ¼ pound 15c; pound 40c; 5 pounds \$1.50. Postpaid.

**1200 to 1**—A novelty which many of our customers claim yields, as the name indicates, 1200 beans for a single seed; the beans are slightly larger than navy beans but are similar in taste and cooking quality. Price: Packet 10c.

**New Wonder Bush Lima**—Price: Packet 10c.

## BEETS

An ounce of seed for 100 feet of row.

Raise a good supply of beets and when you have eaten and canned all you wish feed the rest to the cows and notice the increase in milk.

**Detroit Dark Red**—A medium early crop of large globe shaped roots much used for canning. Price: Packet 5c; ounce 10c; ¼ pound 30c; ½ pound 50c; pound \$1.00. Postpaid.

**Crosby's Egyptian**—An improved strain with flattened bulbs of red and white flesh; the tops and young beets make excellent greens. Price: Packet 5c; ounce 10c; ¼ pound 30c; ½ pound 50c; pound \$1.00. Postpaid.

**Early Eclipse**—The earliest of all; may be used 45 days after planting; has small globe shaped roots of light colored flesh. Price: Packet 5c; ounce 10c; ¼ pound 30c; ½ pound 50c; pound \$1.00. Postpaid.

**Long Smooth Blood**—The best for winter use; a long smooth root, easily harvested and will keep all winter if stored in cool place. Price: Packet 5c; ounce 10c; ¼ pound 30c; ½ pound 50c; pound \$1.00. Postpaid.

**Early Blood Turnip**—An early maturing root, rather small and flat with few top stems; this is a favorite with market gardeners and we sell more of it than all other beets. Price: Packet 5c; ounce 10c; ¼ pound 30c; ½ pound 50c; pound \$1.00. Postpaid.

**Swiss Chard**—Everybody knows the common vegetables but this is something seldom seen. The small leaves make the finest greens and after too large for greens the broad stems and mid ribs are served in place of asparagus. Try a row this season and you will always have it in the garden. Price: Packet 5c; ounce 10c; ¼ pound 25c; ½ pound 40c. Postpaid.

**Sugar Beets**—Raise a patch of these and make your own syrup and sugar then the profiteers will not get a chance at your sweets. The Department of Agriculture Farm Bulletin Number 823 describes a simple method of refining sugar and syrup from beets; get a copy of this from Washington and be surprised at the ease with which it may be done. Price: Packet 5c; ounce 10c; ¼ pound 40c; ½ pound 70c; pound \$1.25.

## MANGELWURTZEL

An acre of these roots will produce more feed for stock than five acres of any dry feed; and are a much needed variety in winter feed for either horses or cattle.

**Improved Mammoth Long Red**—Straight heavy roots, red outside, rose tinted within. This produces the largest crop of all. Price: Packet 5c; ounce 10c; ¼ pound 20c; ½ pound 35c; pound 60c. Postpaid.

**Golden Tankard**—Best for milking cows as they will not taint the milk as most roots do. Price: Packet 5c; ounce 10c; ¼ pound 20c; ½ pound 35c; pound 60c.

**Giant Half Sugar**—Best adapted for feeding cattle that are being fattened as the roots contain a larger percentage of sugar than other sorts. Price: Packet 5c; ounce 10c; ¼ pound 20c; ½ pound 35c; pound 60c. Postpaid.



## CABBAGE

Good without cooking; good cooked; easily kept through the winter; may be served in many ways. Every one should raise cabbage in the garden.

The Danes, with hundreds of years of experience raising and perfecting cabbage and cauliflower have reached a stage in seed raising that is beyond the best efforts of the American growers. Their plants are true to type and their seed better cared for than what is produced in this country; being raised farther north, the Danish seed will produce crops that ripen sooner than home grown seed. For these reasons we offer nothing but imported cabbage and cauliflower seed. We have purchased our stock from one firm ever since we have been in business and always got satisfactory results. This imported seed costs more than the domestic product but we know, from repeated trials, that the results will many times justify the increase of cost.



Pride of North Dakota

**Pride of North Dakota**—This is a variety of cabbage that the growers developed to meet our conditions and the wonderful success our customers have had with this seed during the few years we have been offering it leads us to believe that it is the best cabbage for our trade. Price: Packet 20c; ¼ ounce 40c. Postpaid.

**Copenhagen Market**—The main crop of European gardeners for generations. Not the earliest but produces the most uniform crop of compact oval heads averaging six to eight pounds of as finely grained pleasing flavored cabbage as it is possible to obtain. Price: Packet 10c; ½ ounce 40c ounce 70c; ¼ pound \$2.00. Postpaid.

**Early Jersey Wakefield**—The sweetest cabbage grown; a pointed head which matures very early and stands more dry weather than other sorts. Price: Packet 10c; ½ ounce 20c; ounce 35c; ¼ pound \$1.20. Postpaid.

**Early Winningstad**—The first cabbage ripe enough for use in this country; heads weigh about 5 pounds, are oval and firm; the plants will stand more cold than the others. Price: Packet 10c ½ ounce 20c; ounce 35c; ¼ pound \$1.20. Postpaid.

**Danish Ball Head**—A well developed strain which grows upon a tall stem and is away from the dirt. Has a round solid head which will keep under poorer conditions than any other cabbage. Price: Packet 10c; ¼ ounce 15c; ½ ounce 25c; ounce 40c; ¼ pound \$1.25. Postpaid.

**Premium Flat Dutch**—The old fashioned large flat head which matured slowly but was the best keeper in all. Price: Packet 10c; ½ ounce 20c; ounce 35c ¼ pound \$1.00. Postpaid.

**Mammoth Red Rock**—The best of the many varieties of red cabbage upon the market; this is much used for salads and pickles. Price: Packet 10c; ½ ounce 15c; ounce 25c; ¼ pound 90c. Postpaid.

## CAULIFLOWER

A most delicious vegetable that can be grown any place that cabbage will mature and requires about the same treatment.

**Danish Giant**—(Called Dry Weather)—A stone hard head upon a dwarf stem which will mature with a small amount of moisture—though more rain will make larger heads. Price: Packet 15c.

**Extra Early Dwarf Erfurt**—Not quite so early as Snowball but may be started out of doors and will produce a crop of firm heads any ordinary season. Price: Packet 15c. Postpaid.

**Snowball**—The quickest producing variety of all. Starts better in doors or under glass than outside. Heads are uniform 8 to 10 inches across and very white and firm. Price: Packet 15c. Postpaid.



## CARROTS

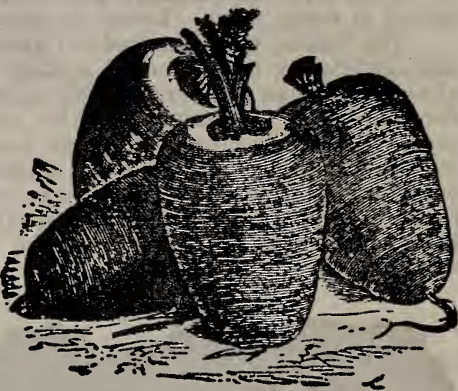
An ounce of seed for 200 feet of row

**Oxheart**—A short thick carrot that does best upon heavy soil. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 25c;  $\frac{1}{2}$  pound 40c; pound 75c. Postpaid.

**Danver's Half Long**—Grows longer than Oxheart but not so heavy; does best on light or sandy soil. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 25c;  $\frac{1}{2}$  pound 40c; pound 75c. Postpaid.

**Chantenay** — A small orange colored root which matures faster than the other varieties; plant a few of these for early use. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 25c;  $\frac{1}{2}$  pound 40c; pound 75c. Postpaid.

**Mastadon**—For stock feeding. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 20c; pound 70c. Postpaid.



Oxheart

## CELERY



Giant Pascal

Like all good things celery requires work; but nothing is quite so nice as crisp celery which can be raised in any garden. Start the plants in the house early in March and set out when four inches tall. Put the plants in a ditch about a foot deep and hill as the plants grow.

**White Plume**—The earliest of all. matures early and will blanch in a very short time. Not so large as the other sorts but very tender. Price: Packet 5c; ounce 20c. Postpaid.

**Golden Self Blanching**—Later than White Plume but produces a heavier crop and blanches itself. Price: Packet 5c; ounce 40c. Postpaid.

**Giant Pascal**—The kind to plant if you want a large crop of heavy celery. Not so early as the others but a heavier crop; this variety should be kept well hilled. Price: Packet 5c; ounce 25c. Postpaid.

**Celeriac** — A root having a flavor similar to celery; very fine for flavoring soup or gravy. Start as celery but requires no hilling. Pull roots in the fall and pack in sand for winter storage. Price: Packet 5c; ounce 15c. Postpaid.

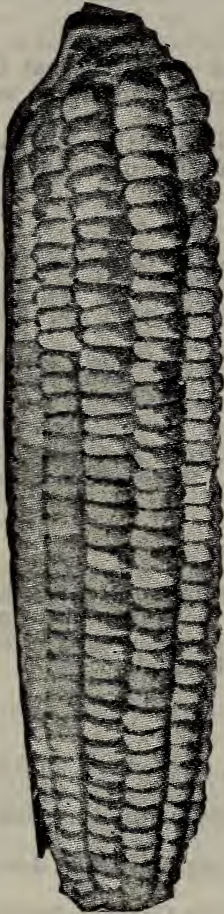
## SWEET CORN

The Indians the first white men found in America gave corn to the world and the Americans first found the virtue of roasting ears. A meal of this is second to none that a man can eat.

**Peep-o-Day**—The earliest corn we have ever seen grow. Not so large stalks or ears but ready at least a week ahead of the other sorts. Price: Packet 5c;  $\frac{1}{2}$  pound 20c; pound 30c; 5 pounds \$1.25. Postpaid.



**Golden Bantam**—The best sweet corn upon the market; many people declare it is much superior to any other they ever tasted. Stalks grow 4 to 5 feet tall and bear two or three cobs six inches long closely packed with rick yellow sweetness. Price: Packet 5c; ½ pound 20c; pound 30c; 5 pounds \$1.25. Postpaid.



Golden Bantam

**Early Minnesota**—A widely known variety; not so early as Peep 'o Day but a heavier crop. Price: Packet 5c; ½ pound 25c; pound 30c; 5 pounds \$1.25. Postpaid.

**White Cob Cory**—An old favorite; a large white ear filled from tip to butt with delicious deep kernels. Price: Packet 5c; ½ pound 20c; pound 30c; 5 pounds \$1.25. Postpaid.

**Stowell's Evergreen**—A standard main crop variety; produces a large crop of exceptionally sweet corn. This is planted generally by people who sell corn to canning factories and should be raised where corn is canned. Price: Packet 5c; ½ pound 20c; pound 30c; 5 pounds \$1.25. Postpaid.

**Country Gentleman**—A late maturing variety; the kernels have no regular arrangement and this variety is sometimes called "Zig-Zag." This makes the season for sweet corn last much longer as it will be prime when the other varieties are too ripe for roasting. Price: Packet 5c; ½ pound 20c; pound 30c; 5 pounds \$1.25. Postpaid.

**Black Mexican**—A novelty; when the corn is fit to eat the kernels are white but turn black as they ripen. This is the sweetest variety grown; it is medium early and a good yielder. Price: Packet 5c; ½ pound 20 c; pound 30c; 5 pounds \$1.25. Postpaid.

## POP CORN

The baby, the grandfather, and all the family between them, will enjoy a pan of pop corn during the long winter evenings. It is easily raised and should be in every garden.

**Tom Thumb**—A small stalk that ripens quickly and bears short heavy ears filled with kernels, every one of which pops.

**White Rice**—A white rice shaped kernel upon large cobs that always ripens. Price of either variety: Packet 5c; ½ Pound 25c; pound 40c. Postpaid.

## CUCUMBERS

Easily grown, a fine green vegetable, and the best pickle material that grows. Plant 10 seeds in each hill and after the plants are well started, thin to leave three or four of the strongest plants; train the vines one direction through the patch. Pick the fruits soon as they are large enough as the vines will die when the fruits commence to ripen.

**Early Fortune**—A large smooth fruit; not the earliest but stays green longer than any other, for this reason much grown for table use. Price: Packet 5c; ounce 10c; ¼ pound 30c; pound \$1.00. Postpaid.

**Improved Long Green**—Produces the largest fruits of the cucumbers we list, often 15 inches long. raised for slicing or making chopped pickles. Price: Packet 5c; ounce 10c; ¼ pound 30c; pound \$1.00. Postpaid.

**Boston Pickling**—Produces a prolific crop of short stubby cucumbers just right for pickling. Price: Packet 5c; ounce 10c; ¼ pound 30c; pound \$1.00. Postpaid.

**Early Cluster**—The fruits grow in bunches, often three or four upon a single stem; used for sweet pickles. Price: Packet 5c; ounce 10c; ¼ pound 30c; pound \$1.00. Postpaid.

**Davis Perfect**—A slim symmetrical fruit often 10 inches long; dark green in color and very firm meat. If you plant but one kind, and want some for fresh use and

some for pickles, plant this variety. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 30c; pound \$1.00. Postpaid.

## ENDIVE

The leaves resemble lettuce in appearance and may be used as lettuce but if allowed to ripen they remain crisp for months and make excellent salads when no other green is available.

**Moss Curled**—Grows in a dense close head which resembles moss to the eye; has very crisp tender leaves. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 30c; pound \$1.00. Postpaid.

## EGG PLANT

A little known plant which requires much care but a fine crop of very desirable vegetables is the result of properly caring for a few plants. Start indoors and transplant when weather has warmed up; put plants two feet apart each way and keep the small plants watered until firmly started.

**New York Purple Spineless**—A very early sort that bears large bulbs. Price: Packet 10c; ounce 50c. Postpaid

## KALE

Plant in rows 16 inches apart and thin like lettuce; leave in garden until touched by frost. Especially fine cooked with smoked meat as greens. Price: Packet 5c. Postpaid.

## KOHL RABI

(One ounce of seed for 300 feet of row.)

This is a combination of turnip and cabbage much prized by many gardeners; the bulb grows above the ground somewhat like a cabbage but tastes more like a turnip; an early maturing vegetable and should be used before the skin gets too hard to be readily dented by the thumb nail. Price: Packet 5c; ounce 30c. Postpaid.

## GOURDS

Raised as a novelty, but some of the fruits become useful.

**Dishcloth**—The center of the fruit is a mass of fibers which, when dried, makes a good dish cloth.

**Dipper**—The shell is shaped like a dipper and after drying may be used as such. They were used as dippers before tin dippers were known.

**Japanese Nest Egg**—Bears a fruit the size and shape of an egg and when dried makes a nest egg or darning ball.

**Mixed Gourds**—Some of each of the named sorts. Price of any Gourds: Packet 5c; ounce 15c. Postpaid.

## LETTUCE

One ounce of seed for 400 feet of row.

**Grand Rapids**—A loose leaf sort that does well under glass or in the open; produces a wonderful crop of bright green leaves that remain tender for a long time. This is much raised by market gardeners. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 30c. Postpaid.

**Early Curled Silesia**—The earliest of all. A crinkling leaf that is crisp and desirable. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 30c. Postpaid.

**Prizehead**—Not quite so early but produces a luxuriant growth of large loosely curled leaves varying from light green to brown in color. This is the largest crop producer of leaf lettuce. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 30c. Postpaid.

**Improved Hanson Head**—An old variety which has been much improved by careful selection; makes a large head, often weighing three pounds, of fine white leaves that are a delightful addition to the diet. Price: Packet 5c; ounce 10c  $\frac{1}{4}$  pound 30c; Postpaid.

**Leonard Head**—A new variety developed by one of the largest seed growers in America; we put out a little of this seed last season and our customers who tried it claim that it is the only head lettuce they ever grew. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 30c. Postpaid.

**NOTICE:** Head lettuce should have more water than usually falls in North Dakota, so to get best results head lettuce should be watered each week.



## LEEK

The Europeans have learned to cook and eat many things not considered food in this country and use more seasoning than our cooks. Leeks have a distinctive flavor of their own and are highly prized by persons familiar with them. Price: Packet 5c; ounce 15c. Postpaid.

## MELONS

Melons require richer soil than the average garden; a few forks of well rotted manure will make this right and they should have more water than usually falls; if a few hills are watered when the rain does not fall a crop of most delightful melons will be the result.

**Bender's Surprise**—The last development in Muskmelons; a large crop of very sweet melons in much less time than is required for the older kinds to develop. Price: Packet 25c. Postpaid.

**Osage**—A medium sized, dark green Muskmelon filled with most delicious salmon colored meat. Price: Packet 5c; ounce 10c; ¼ pound 30c. Postpaid.

**Extra Early Hackensack**—Very early and exceptionally hardy; fruits green and yellow outside; flesh coarse green but very sweet. Price: Packet 5c; ounce 10c; ¼ pound 30c. Postpaid.

**Improved Extra Early Nutmeg**—A very early oblong muskmelon that has deep green flesh and many growers claim that this variety is the surest cropper for our territory. Price: Packet 5c; ounce 15c. Postpaid.

**Cole's Extra Early Watermelon**—The earliest round watermelon; thin skin and exceptionally solid rich red flesh. Price: Packet 5c; ounce 10c; ¼ pound 30c. Postpaid.

**Pinny's Extra Early Watermelon**—The earliest oblong watermelon; has a mottled skin, white seeds and very sweet meat. Price: Packet 5c; ounce 10c; ¼ pound 20c. Postpaid.

## CITRONS

Grow like melons but are not eaten without cooking or preserving.

**Red Seed**—Globe shaped, early maturing, a good keeper. Price: Packet 5c; ounce 10c; ¼ pound 30c. Postpaid.

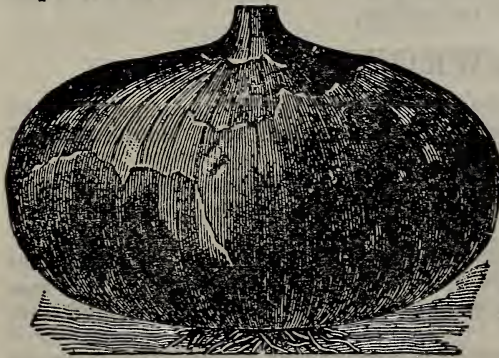
## OKRA

All gardens have the common vegetables; the better gardeners raise something different. Okra should be handled like tomatoes and the pods used as flavoring for preserves or pickles when green; or the pods may be dried and used in soups. People who have eaten Okra (commonly called Gumbo) soup say that is the finest flavored soup possible to make. Price: Packet 5c; ounce 10c. Postpaid.

## ONIONS

One ounce of seed for 100 feet of row.

Eat them green fresh from the garden, cook them, or dry them, they are always good. Onions may be raised upon almost any kind of soil and the size of the crop will show the amount of work done to produce it.



Red Weathersfield

other sorts. Price: Packet 5c; ounce 20c; ¼ pound 80c; ½ pound \$1.50; pound \$2.75. Postpaid.

**Red Weathersfield**—The best known red onion; produces a large crop of slightly flattened solid bulbs with very crisp flesh that is unsurpassed. Price: Packet 5c; ounce 20c; ¼ pound 75c; ½ pound \$1.40. pound \$2.40. Postpaid.

**Extra Early Red Flat**—A strain of Weathersfield that is a little earlier than the parent and produces a flatter bulb; best for green onions. Price: Packet 5c; ounce 20c; ¼ pound 75c; ½ pound \$1.40; pound \$2.40. Postpaid.

**Southport Red Globe**—The largest red onion; matures slowly but has very firm flesh and will stand shipping better than



**Yellow Globe Danvers**—A yellow, round bulb with a very solid body and a sharp taste, much prized by many people; a very heavy cropper and good keeper. Price: Packet 5c; ounce 20c;  $\frac{1}{4}$  pound 75c;  $\frac{1}{2}$  pound \$1.40; pound \$2.40. Postpaid.



**Yellow Globe Danvers**

glistening white balls of crisp delicious white meat will be the result. Price: Packet 5c; ounce 20c;  $\frac{1}{4}$  pound 80c;  $\frac{1}{2}$  pound \$1.50; pound \$2.75. Postpaid.

**Mammoth Silver King**—The largest of all onions. A firm bulb with white skin and flesh; particularly fine for slicing. Price: Packet 5c; ounce 25c;  $\frac{1}{4}$  pound 90c;  $\frac{1}{2}$  pound \$1.75; pound \$3.25. Postpaid.

**Yellow Flat Danvers**—A yellow, flat bulb which matures about the same as the Globe Danvers but is milder flavored. Price: Packet 5c; ounce 20c;  $\frac{1}{4}$  pound 75c;  $\frac{1}{2}$  pound \$1.40; pound \$2.30. Postpaid.

**Prizetaker** — An improved strain of Globe Danvers; matures earlier and is not quite so strong. Price: Packet 5c; ounce 20c;  $\frac{1}{4}$  pound 75c;  $\frac{1}{2}$  pound \$1.40; pound \$2.30. Postpaid.

**Australian Brown**—A ball shaped bulb that has very small neck and will keep from sprouting longer than any other variety; not so large as Southport but matures early and keeps well. Price: Packet 5c; ounce 20c;  $\frac{1}{4}$  pound 75c;  $\frac{1}{2}$  pound \$1.40; pound \$2.40. Postpaid.

**White Portugal**—This is extensively planted for pickling; leave the plants about an inch apart in the rows and a crop of

## ONION SETS

Before the onions from any seed are ready for use, sets will produce a crop of excellent green onions. We get our sets from one of the largest growers in the country and ship them as soon as the danger of frost is over.

**Yellow and Red Bottom Sets**—Per quart 25c;  $\frac{1}{4}$  bushel \$1.50. Postpaid.

**White Bottom Sets**—Per quart 30c;  $\frac{1}{4}$  bushel \$2.00. Postpaid.

## PEAS

One pound of seed for 100 feet of row.

Pods should be picked as soon as they are ready because vines will ripen as soon as seed ripens upon them. The pole varieties should have lath or poles placed along them to climb upon; the dwarf varieties need no support.

## DWARF VARIETIES—WRINKLED SEED

**Laxtonian**—Medium early vines grow about 12 inches high and produce a heavy crop of excellent flavored peas. Price: Packet 5c;  $\frac{1}{2}$  pound 25c; pound 45c; 5 pounds \$2.00. Postpaid.

**American Wonder**—Vigorous productive vines having pods all upon one side; this makes easy picking. Price: Packet 5c;  $\frac{1}{2}$  pound 20c; pound 35c; 5 pounds \$1.50. Postpaid.

**Prosperity**—A very early bush pea which brings a heavy crop of large pods that mature all at one time. This is a market gardener's favorite as cleaning the vines at one picking saves time and expense. Price: Packet 5c;  $\frac{1}{2}$  pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

**Bliss Everbearing**—Stout heavy vines growing upright and bearing many broad pods. If the pods are picked closely, these vines will throw out several crops of pods and this variety is very desirable for the home garden on this account. Price: Packet 5c;  $\frac{1}{2}$  pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.



**Nott's Excelsior**—The pea for the northwest garden; matures earlier than any other and has a large crop of well filled pods that are a delight to the palate.

Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.



Nott's Excelsior

**Horsford's Market Garden**—A variety much raised for canning because the pods mature all at one time and the peas are very uniform in size; this saves labor harvesting and canning. Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

**Little Gem**—A particularly rich buttery pea grown upon a dwarf vine. Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

**Dwarf Grey Sugar Pea**—Different from the others in that the pods and peas are both eaten; a crop of exceedingly sweet pods containing many peas all very sweet and ready two weeks earlier than string beans; plant a few this season and you will always raise them. Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

## SMOOTH SEEDED VARIETIES

The smooth varieties do not have as large vines as the wrinkled kinds but are earlier and many people claim they are finer flavored.

**Alaska**—Ready for the table in 40 days is a common report; a strong bush bearing a wonderful crop of finest peas. Price. Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

**Extra Early**—Grows very rapidly and matures a crop of excellent peas in short time. Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

## POLE PEAS

Many good gardeners insist that better peas and larger crops are grown from pole peas than the dwarf varieties. We offer the two best pole peas.

**Champion of England**—An old standby; matures slowly but has a wonderful crop of large well filled pods. Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

**Dwarf Telephone**—The earliest pole pea; bears pods often 4½ inches long, broad and well filled; ready for use 65 days after planting. Price: Packet 5c; ½ pound 25c; pound 35c; 5 pounds \$1.50. Postpaid.

## PARSLEY

One ounce of seed for 200 feet of row.

Used as a garnish while green or leaves may be dried and used for flavoring.

**Moss Curled**—A rich dark green growth that resembles moss in appearance; if cut back it will continue to bear green leaves for a long time. Price: Packet 5c; ounce 10c. Postpaid.

## PARSNIPS

One ounce of seed for 200 feet of row.

May be grown with less work than any other vegetable. The roots are better flavored if touched by frost and may be left in the ground over winter and dug next spring, when they will taste better than last fall.

**Hollow Crown**—The best of the many varieties offered to the trade. Has a long smooth tapering root that is all under the ground and does not sunburn. Price: Packet 5c; ounce 10c; ¼ pound 25c; ½ pound 45c; pound 85c. Postpaid.



## PEPPERS

One ounce of seed should produce 1,500 plants.

Grow too slowly to be started out doors but should be handled as tomatoes are grown.

**Bell or Bull Nose**—A large bell shaped fruit very desirable for stuffing or used in mixed pickles.

**Long Red Cayenne**—Medium early, bearing a twisted fruit about 4 inches long. Deep green while young and turns deep scarlet when ripe. An excellent flavoring for catsup or pickles and its bright color adds to the attractiveness of any pickles in which it is mixed

**Sweet Pimento**—A small fruit very smooth and glossy, of attractive color and exceptionally fine flavor.

**Ruby King**—An improved American sort; grows very large but retains its excellent flavor and attractive color and shape.

Price of any Pepper :Packet 10c; ounce 40c. Postpaid.

## PUMPKINS

One ounce of seed for 100 hills.

"When the frost is on the pumpkin" nothing makes so fine a pie as home grown pumpkins. We offer the New England Pie Pumpkin which is the earliest variety and produces most excellent fruits. Price: Packet 5c; ounce 10c; ¼ pound 30c. Postpaid.

Besides being good for the household, pumpkins make fine food for stock; a few pounds of seed planted the last time corn is cultivated will yield many loads of succulent feed for the stock with no extra labor except gathering the pumpkins.

**Connecticut Field**—Makes a very rapid growth and produces a heavy crop of yellow pumpkins that the hogs and cattle will devour. Price: Packet 5c; ounce 10c; ¼ pound 30c ;pound \$1.00. Postpaid.

## RADISHES

One ounce of seed for 150 feet of row.

Better than bitters to tone up the system in the spring.



Early Scarlet Globe

**Early Scarlet Globe**—A quick growing red radish that is much desired for the "tang" which the roots have. Price: Packet 5c; ounce 10c; ¼ pound 35c; pound \$1.00. Postpaid.

**Early Scarlet Turnip, White Tipped**—One bite of delicious red meat with a white tip; the earliest radish grown. Price: Pkt. 5c; ounce 10c; ¼ pound 35c; pound \$1.00. Postpaid.

**French Breakfast** — A slow growing large sized radish which has a heavy root, about half red and half white. A wonderful flavor and remains good longer than the quicker sorts. Price: Packet 5c; ounce 10c; ¼ pound 25c; pound 90c. Postpaid.

**White Strausberg** — A large showy white radish that often matures in six weeks and has the delicate flavor many people claim is not found in a red radish. Price: Packet 5c; ounce 10c; ¼ pound 25c pound 90c. Postpaid.

**White Icicle**—The slim white radish that tastes like "more." Price: Packet 5c; ounce 10c; ¼ pound 25c; pound 90c. Postpaid.



The radishes described on the preceding page are for use direct from the garden. Here are two varieties of winter radish; pull them when matured and pack in sand; they will be good any time in the winter.

**Black Spanish**—A large black root that will taste "just like radish" for Christmas dinner. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 35c; pound \$1.10. Postpaid.

**China Rose**—A rose colored root that grows larger at the bottom than the top and tastes better at the end than at first. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 35c; pound \$1.10. Postpaid.

## SALSIFY

One ounce of seed for 130 feet of row.

This is sometimes called "Vegetable Oyster" the roots look somewhat like parsnips and have a flavor similar to oysters. They grow like carrots and are excellent eating prepared as carrots are cooked or make a soup that tastes equal to oyster soup.

**Mammoth Sandwich Island**—The best variety for this country. Price: Packet 5c; ounce 20c. Postpaid.

## SPINACH

One ounce of seed for 100 feet of row.

The green that is used to describe others by; anything "as good as spinach" is excellent. It grows easily and new leaves replace those cut off.

**Savoy Leaf**—Has a spreading growth that yields a large amount of Spinach from a few plants. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 25c; pound 90c. Postpaid.

## SUNFLOWER

One ounce of seed for 50 feet of row.

Many people admire the stately stalks topped with large blooms; the heads, filled with meaty seed are unexcelled for poultry, just hang a head where the chickens can reach it and they will do the rest.

Sunflowers make an excellent silage and many of the best farmers plant a patch of them to mix with the corn when they fill the silo.

**Mammoth Russian**—The heaviest crops of stalks and seed are produced by this variety; stalks often reach 14 feet and heads 20 inches across are found. Price: Packet 5c; pound 30c. Postpaid.. Ten pounds by freight or express at purchaser's expense \$2.00.

## SQUASH

An ounce of seed for a dozen hills.

An easily raised vegetable which grows upon any good soil.

**Boston Marrow**—A medium large squash of the winter kind. It matures two weeks earlier than the Hubbard which it resembles in shape but has deeper yellow flesh. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 40c; pound \$1.50. Postpaid.

### Hubbard

**Hubbard**—The kind "the folks grew back home". Considered the best for winter storage. Has a large wrinkled fruit with dark green skin and light yellow flesh. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 40c; pound \$1.00. Postpaid.

**Warted Hubbard**—A strain bred by one of the leading seed firms of the country; a few days earlier than the old stock; a warted dark olive fruit with rich yellow flesh; the best of the winter kind. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 40c; pound \$1.00. Postpaid.





The three above described are winter squash, and while they may be eaten when picked, they will last all winter if stored properly; below are the leading summer squash. These should be picked before the skin gets so hard that the thumb nail will not dent it and will not keep more than a few weeks after picking.

**Early White Bush Scallop**—A flat scalloped fruit; the earliest squash. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 35c; pound \$1.20. Postpaid.

**Summer Crookneck Squash**—Grows with a long crooked neck. A bright yellow squash which is fine for fall use. Price: Packet 5c; ounce 10c;  $\frac{1}{4}$  pound 35c; pound \$1.20. Postpaid.

## TOMATOES

One ounce of seed should produce 2,000 plants

This is one vegetable that should be grown everywhere but few people know how to raise them. Start the plants indoors and set out in good rich ground after nights have warmed up well. The plants will be better if transplanted into small boxes and exposed to the weather part of the time thus "hardening them off" before setting out doors. Protect from the direct rays of the sun for a few days after setting out and keep the young plants growing all the time as they never recover from a set back; this means enough water and protection from extremes of weather while small. When the vines are eight inches tall, pinch off all but one branch and the main stem and keep the branches pinched off as they start—but do not remove the fruit branches which may be known by the buds which form upon them soon after they leave the large stems. Set a stake or pole, 2x2 inches is about the right size, beside each vine and tie the main stem and the one branch up on this pole. The vine will "spin" up the pole often four feet high. Keeping the useless branches pinched off will give the plant more nourishment for the fruit and give the fruit more sunlight so more and better fruit that ripens faster will result from the care of the vines described. Ten or a dozen plants handled as described will yield more fruit than three times that number that "just grow."



**Earliana**

the fruit is enclosed in a loose husk. Price: Packet 5c; ounce 35c. Postpaid.

**Earliana**—The best of early tomatoes. Produces a large crop of smooth red tomatoes with firm flesh. Price: Packet 5c; ounce 25c;  $\frac{1}{4}$  pound 90c. Postpaid.

**John Baer** — An improved strain of Earliana; a solid high crown brilliant tomato; often 50 to 100 bulbs upon a single stalk. Price: Packet 10c; ounce 50c;  $\frac{1}{4}$  pound \$1.50. Postpaid.

**Dwarf Champion**—Does not grow so tall as the others but brings a marvelous crop of medium sized tomatoes very desirable for canning. Price: Packet 5c; ounce 30c;  $\frac{1}{4}$  pound \$1.00. Postpaid.

**Yellow Cherry**—Fruits are light yellow about half an inch in diameter. The vines bear a great profusion of these delicate fruits. Price: Packet 5c; ounce 35c. Postpaid.

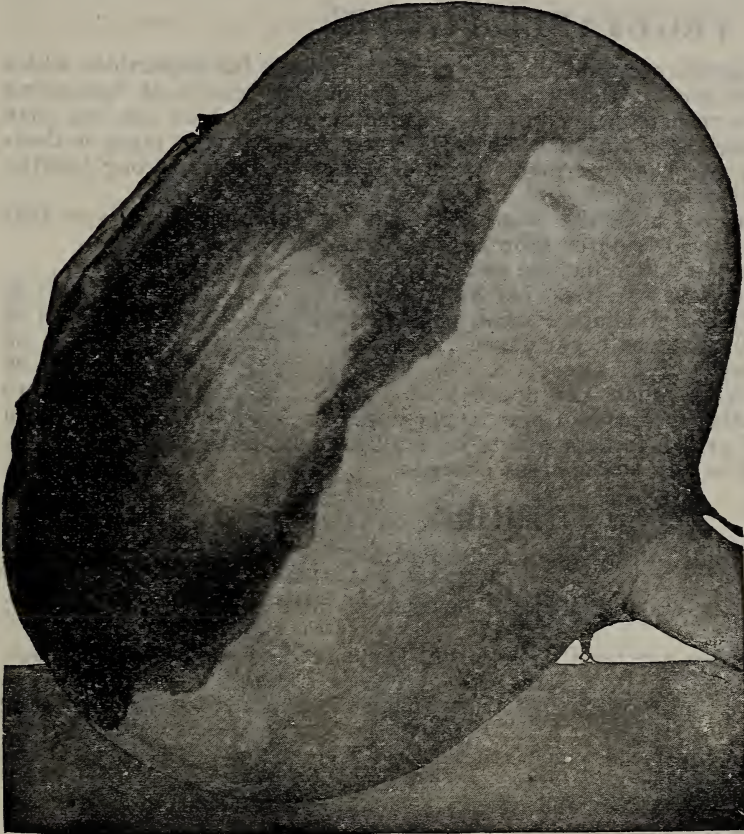
**Ground or Husk Cherry**—Fine for pies and make delicious preserves. The vines spread along the ground and



## TURNIPS AND RUTABAGAS

One ounce of seed for 250 feet of row.

For early use plant soon as the ground thaws; for storage plant about the middle of June. All that are not used upon the table may be fed to the stock to good advantage.



**Purple Top Strap Leaf Turnip** — Use this for main crop; it will mature in about eight weeks and gives a heavy crop of oval shaped roots red and yellow on the outside and firm yellow flesh within. They will keep a long time if stored well. **Price:** Packet 5c; ounce 10c; ¼ pound 25c; pound 90c. postpaid.

**Purple Top White Globe Turnip** — A sweet fleshed white turnip that matures very early. **Price:** Packet 5c; ounce 10c; ¼ pound 25c; pound 90c. Postpaid.

**Golden Ball Turnip** — The sweet yellow turnip that tastes so good raw and is better cooked. **Price:** Packet 5c; ounce 10c; ¼ pound 35c; pound \$1.20. Postpaid.

**White Egg Turnip** — The little round kind that are ready for use before the

others are more than started; not much of a keeper but fine for fall use. **Price:** Packet 5c; ounce 10c; ¼ pound 35c; pound \$1.20. Postpaid.

**American Purple Top Rutabaga** — The kind that makes the large yellow roots that are good all winter; taste best after being nipped by frost. **Price:** Packet 5c; ounce 10c; ¼ pound 25c; pound 90c. Postpaid.

**Carter's Hardy Swede** — An English strain of rutabagas that has many admirers; a medium sized oval root containing much sugar and a good keeper. **Price:** Packet 5c; ounce 10c; ¼ pound 90c. Postpaid.

## CAMPUS LAWN GRASS

We experimented many years trying out mixtures for permanent lawn and our decision is that a mixture of Kentucky Blue Grass and White Dutch Clover makes the best lawn; it starts very early in the spring and the sod gets heavier year by year while if not cut too late in the fall the freezing and thawing seem to not affect it.

To start a lawn, have the ground well worked and pulverized; rake smooth and scatter the seed at the rate of one pound to 350 square feet and cover the seed lightly. Then soak the entire lawn to a depth of three or four inches and keep plenty water upon it the first month. The secret of good lawn grass is starting all of the grass at

one time and keeping it growing until the weeds etc., that are in the soil are smothered. If part of the grass starts the rest does not get as sturdy and leaves bare spots through the lawn.

We use only the finest Blue Grass and best Dutch Clover in the mixture and the many fine lawns in this city that have been planted with our mixture make us confident that, if given a fair chance, this mixture will make the kind of lawn every householder wants. Campus Lawn Grass Price 60c per pound. Postpaid.

## VEGETABLE PLANTS

Many people have not the time or place to grow the plants for vegetables which cannot be started out of doors. Our green house makes a specialty of furnishing strong healthy plants for transplanting into the garden at prices which are less than most people could produce the plants in their own homes for. Having large hotbeds and raising plants enough to keep a crew at work enables us to offer strong healthy plants at very reasonable prices.

We will hold your orders until the weather is safe for shipping and advise that you set out the plants received from us soon as they arrive.

Following are the prices which include packing and postage:

Cabbage Plants—Early or late varieties, per hundred .....	\$1.30
Celery Plants—White Plume or Giant Pascal, per hundred .....	1.50
Cauliflower Plants—Early Snowball, per dozen .....	.30
Pepper Plants—Per dozen.....	\$1.00
Tomato Plants—Earliana or Acme, per dozen.....	.40
Tomato Plants—Extra large pot grown plants, per dozen .....	1.00

We cannot ship pot grown tomato plants by mail and the price is for plants to be shipped by express; you pay the express charges.

## HERBS

Anise—Used for cordials, garnishings and flavorings. Price: Large Packet, 10c. Postpaid.

Balm—Leaves used for making pleasant beverages. Price: Large Packet, 10c; Postpaid.

Basil Sweet—The leaves are used in flavoring soups, etc. Price: Large Packet, 10c; postpaid.

Borage—Leaves used for flavoring; flowers furnish bee pasture. Price: Large Packet, 10c; postpaid.

Caraway—Grown for the seeds which are used for flavoring. Price: Large Pkt., 10c; postpaid.

Catnip or Catmint—The leaves and young shoots used for seasoning. Price: Large Pkt., 10c; postpaid.

Coriander—Grown for seed; used in making candy and to disguise the taste of medicines. Price: Large Pkt., 10c; postpaid.

Dill—Has an aromatic odor and pungent taste, used in the making of dill pickles. Price: Large Pkt., 10c; postpaid.

Fennel Sweet—Seeds used in confections and medicines. Young shoots used in salads, soups, etc. Price: Large Pkt., 10c; postpaid.

Horehound—Used in seasoning and cough remedies. Price: Pkt., 10c; postpaid.

Lavender—Used in the distillation of lavender water and dried to perfume linen. Price: Pkt., 10c; postpaid.

Majoram Sweet—The young shoots or the dried leaves used to flavor soups, dressings, etc. Price: Pkt., 10c; postpaid.

Pennyroyal—For flavoring puddings, etc. Price: Pkt, 10c; postpaid.

Rosemary—Leaves used to flavor meats Blossoms used in making toilet waters. Not large enough for use until the second year. Price: Large Pkt., 10c; postpaid.

Sage—Much used and indispensable for flavoring: Price: Large Pkt. 10c; Postpaid.

Summer Savory—The dried stems and leaves used in flavoring soups, dressings, etc. Price: Large Pkt., 10c; postpaid.

Thyme—A medicinal herb, grows about 10 inches high, used largely as seasoning or in the treatment of nervous headaches. Price: Large Pkt., 10c; postpaid.



## FLOWERS

A few hours labor and a small tract of ground will yield more satisfaction and contentment if devoted to flowers than may be derived from the same effort in any other direction. We have listed here the sorts that will mature in this country and would urge that every garden contain some flowers this year.

### AGERATUM

A small blue flower that comes early and lasts late.

**Imperial Dwarf** — Grows about eight inches high and bears a profusion of blooms. Price: Packet 10c. Postpaid.

### ALYSSUM

Makes a very effective edging for beds; grows like a tiny hedge of green dotted with vari-colored fragrant blooms. Price: Packet 10c. Postpaid.

### ASTER

Plant these early as the frost will not injure them.

**Queen of the Market**—A very early blooming sort; the main stems often 18 inches high and bearing 10 to 15 blooms. We offer the following strains of Queen



Asters

of the Market: White, Light Blue, Crimson, Mixed (all of the named shades and many others.) Price: Packet 10c. Postpaid.

**Crego Giant**—An American development which blooms slower than Queen of the Market but lasts longer in the fall. We have Crego Giant in Lavender, Pink, Purple, Crimson, White, Mixed Colors. Price: Packet 10c. Postpaid.

**American Beauty**—A select type that bears double blooms, each upon a long heavy stem; the flowers are large and retain their elegance for a long time; they are a lovely shade of bright carmine rose almost identical with the world famous American Beauty Rose. Price: Packet 10c. Postpaid.

### ANEMONE (also called "Wind Flower")

Blooms in the autumn and is best when nearly all the others have faded.

**Single Mixed**—A six inch stem carrying a bloom often two inches across; the blooms resemble poppies in shape and coloring. Price: Packet 10c. Postpaid.

### BALSAM (also called "Lady Slipper")

Large, slipper shaped bloom in all the colors of the rainbow. Each plant has a number of stools bearing two or three blooms. Will bloom from August first until killing frost. We offer a choice mixture containing all the strains that mature in this country. Price: Packet 10c. Postpaid.

### BACHELOR BUTTONS

An old favorite that should be planted when corn and beans are put out but it makes a very rapid growth and produces many charming blooms. Price: Packet 10c. Postpaid.

### CANTERBURY BELLS

A large bell shaped bloom in many shades and colors. Price: Packet 10c. Postpaid.

### CASTOR BEANS

Make a very effective center for a flower bed; stems grow six feet tall and are covered with wide foliage. Price: Packet 10c. Postpaid.

### CHRYSANTHEMUM

The most magnificent flower that blooms. Florists grow many of these for use as cut flowers because of their elegance. They may be easily grown in any garden. There are two distinct varieties; one grows from seed, the other is propo-



gated by dividing a root and planting the parts of root. We offer here the seed of the best summer blooming kind. Price: Packet 10c. Postpaid.

### CANDYTUFT

A great favorite in the garden fifty years ago and still has many friends. Grows 15 inches tall and bears a profusion of long handsome blooms in about 100 days from planting. Price: Packet 10c. Postpaid.

### COSMOS

A fall blooming bush reaching five feet in height and covered with blooms from August until snow. Price: Packet 10c. Postpaid.

### CHINESE WOOL FLOWER

Plants are tender and should be started indoors and set out like tomatoes; protect from sun for a week until the roots get set and water freely thru season. Each stem grows two and a half feet tall and soon starts blooming with a center head, often six inches across. Then a score or more branches grow out of the main stem and each branch bears a large bloom that looks like a ball of scarlet wool so that each plant resembles a handsomely arranged bouquet set into the ground. None of the blooms wither or fade until the frost kills the plant. A row of these plants set a foot apart along a border or path make a very handsome hedge. We took one of these plants out of the ground and put it into a pot in the window of our office and people asked for months about the handsome flower in the window. Price: Packet 25c. Postpaid.

### CYPRESS VINE

Most effective when trained upon a light trellise. Bears many star shaped white and scarlet blooms which with the finely cut foliage make a very showy plant. Will climb 15 feet in a single season. Price: Packet 10c. Postpaid.

### FORGET-ME-NOTS

Does not bloom until the second season but will winter with no protection and the dainty blue flowers come early and stay late the second season. Put a row into the permanent flower garden. Price: Packet 10c. Postpaid.

### FOUR O'CLOCK

Very hardy; covered with red, white, and blue striped blooms that open in the

afternoon and close after sundown. Price: Packet 10c. Postpaid.

### HELIOTROPE

Has a very delicate, penetrating odor and dainty fragile blooms. If the roots are taken up in the fall and set out the next spring, the plants will be more sturdy than grown from seed each year. Price: Packet 10c. Postpaid.

### HOLLYHOCKS

There are two varieties, one blooms the first year; the other blooms the next sea-



Hollyhocks

son but will winter in the garden. Grow as high as five feet and the plants are covered with many colored spike blossoms.

**Early Flowering**—Blooms the first season; if planted the first of May flowers appear in August. Price: Packet 10c; Postpaid.

**Hardy Perennial**—The best of the varieties that bloom the second year. It will be covered with magnificent flowers from June until fall. Price: Packet 10c. Postpaid.

### KOCHIA

Sometimes called "Summer Cypress" Grown for the wonderful stand of heavy foliage, often three feet high; bright green thru spring and summer and rip-



ens bright scarlet. Price: Packet 10c. Postpaid.

### MIGONETTE

No garden is complete without the delicious odor and pleasing blooms of this hardy flower. Price: Packet 10c. Postpaid.

### MARIGOLD

Rather delicate plants and should be started indoors and set out as tomatoes are handled. But the elegant yellow and orange blooms will many times repay the extra labor necessary to produce them. Price: Packet 10c. Postpaid.

### LARKSPUR

One of the best flowers for beginners. Easily raised and furnishes many blooms varying from white through shades of red and blue. Price: Packet 10c. Postpaid.

### MORNING GLORY

Grows anywhere and will climb to any height if supports are furnished. Many bell shaped blooms of various colors are found over the whole length of the vine. Price: Packet 10c. Postpaid.

### NICOTIANA

A member of the tobacco family; easily grown and has a wealth of handsome blooms as well as a very pleasing odor. Price: Packet 10c. Postpaid.

### NASTURTIUM

A very popular flower which will yield a profusion of blooms under very adverse circumstances. If the flowers are picked regularly, it will continue to bear for a long time. Price: Packet 10c. Postpaid.

### PANSIES

Very dainty blooms upon hardy stems; a bed of pansies in bloom is a rest for tired eyes.

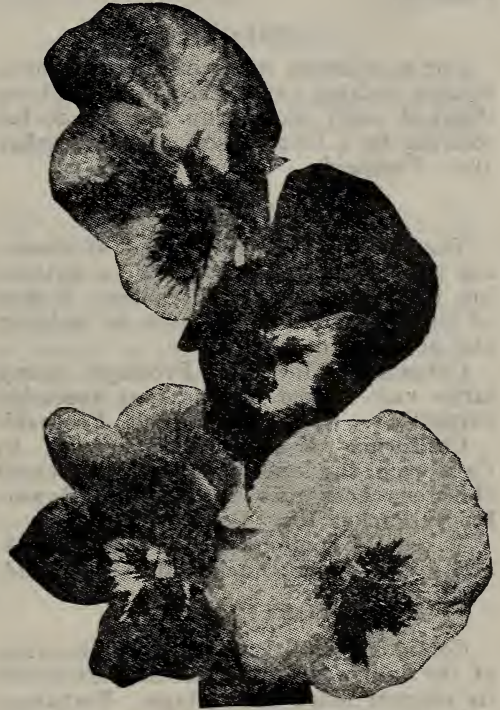
**Colossal**—We tested this seed a number of years and raised the finest blooms we have ever seen. We take pride in saying "Plant these and your pansies will please everybody that sees them. Price: Packet 25c. Postpaid.

**Giant Trimardeau**—A hardy variety producing well rounded blooms oddly marked with three blotches of contrasting colors. Price: Packet 10c. Postpaid.

**White With Purple Eye**—A select strain that has been selected to yield a delicate bloom described by its name. Price: Packet 10c. Postpaid.

**Goldelse**—A bright canary yellow flower upon a strong sturdy stem. Price: Packet 10c. Postpaid.

**Kewpie**—A bloom with bronze center shaded lighter towards the outside. Price: Packet 10c. Postpaid.



Mixed Pansies

**King of the Blacks**—The blooms look like they were cut from black velvet. Price: Packet 10c. Postpaid.

**Mixed Pansies**—Some of each of the named sorts and many others. Price: Packet 10c. Postpaid.

### PETUNIA

Should not be planted early but will grow rapidly if watered freely. Produces beautiful blooms shaded all the colors of the rainbow. Price: Packet 10c. Postpaid.

### SNAP DRAGON

No old time garden was complete without these odd blooms. Modern florists have much improved the coloring by care-



ful selection of seed. Tho not very hardy, if the plants are protected from freezing and thawing in the spring and fall, they will bear for many years. **Price: Packet 10c. Postpaid.**

### PINKS

The bloom resembles finely cut tissue paper scattered thru elegant green foliage. The many shades of pink make a pleasing variety. **Price: Packet 10c. Postpaid.**

### PHLOX

For a splendid mass of many colored blooms nothing can excel a bed of Phlox. Plant it early and enjoy the wonderful coloring for a long season. **Price: Packet 10c. Postpaid.**

### POPPY

The queen of flowers. A bed of blooming poppies brings to the mind a gathering of elegantly dressed ladies. A few of them "set off" a bouquet as nothing else seems to do.

**Carnation Flowered**—Produces many large vari-colored blooms that resemble carnations. **Price: Packet 10c. Postpaid.**

**California**—A deep yellow bloom. In California, the land of flowers, the school children chose this as the state flower. **Price: Packet 10c. Postpaid.**

**Mixed**—A combination of many standard sorts. **Price: Packet 10c. Postpaid.**

### PORTULACA

Commonly called "Moss Rose" because of the dainty rose like blooms that adorn its elegant moss like foliage. Portulaca will thrive when most of the commonly planted flowers die for want of moisture. **Price: Packet 10c. Postpaid.**

### STOCKS

Does well out of doors and makes an elegant potted plant. Start as tomatoes are handled and you will receive a crop of multi-colored blooms with a fragrance second to nothing that may be bought in a bottle. **Price: Packet 10c. Postpaid.**

### SWEET PEAS

May be grown any place that garden peas are raised but the best results are obtained from a trench. Prepare a trench 10 inches or a foot deep with three or four inches of well rotted manure in the bottom and soil filled to the surface. Soak the seed over night before planting and cover with an inch of fine

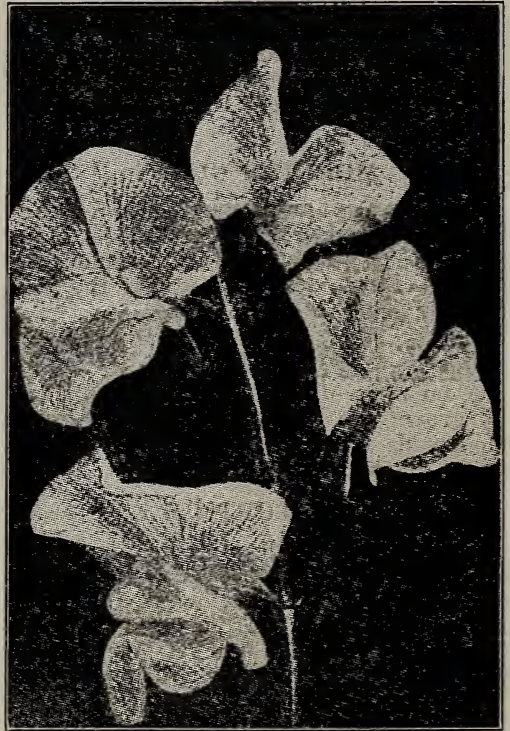
dirt. Provide a frame upon which the vines may climb and a few feet of trench will supply abundant blossoms thru the entire summer.

The Spencer type is the latest development in Sweet Peas and produces larger blooms and more striking colors than the common strains.

**America**—Spencer. White striped with bright crimson.

**Captain of the Blues**—Spencer. A very distinct purple.

**Countess**—Spencer. A most delicious pink.



Sweet Peas

**King White**—Spencer. Pure white.

**King Edward**—Spencer. Dark red.

**Othello**—Spencer. The nearest to jet black that has ever been grown.

**Sterling Stent**—Spencer. Bright red.

**Illuminator**—Spencer. Rich salmon pink.

Price of any of the above straight colored Spencer Sweet Peas: **Packet 10c; ounce 30c. Postpaid.**



**Spencer Mixed**—Some of each of the named sorts and many other shades. Price: Packet 10c; ounce 25c. Postpaid.

**Graniflora Type** — This is one of the older strains of sweet peas and tho the blooms are not so large as the Spencer type many persons prefer the smaller dainty blooms to the larger ones.

**Dorothy Eckford**—Grandiflora. Pure white.

**New Countess**—Grandiflora. Delicate lavender.

**Dark Knight**—Graniflora. Very dark purple.

**Firefly**—Grandiflora. Brilliant red.

**Kathryn Tracy** — Grandiflora. Soft. pink.

**Prices of named Graniflora Types:** Packet 10c; ounce 25c. Postpaid.

**All Colors**—A mixture of the named sorts and other shades of Grandiflora type. Price: Packet 10c; ounce 20c. Postpaid.

### SWEET WILLIAM

Does not bloom the first season but a profusion of handsomely colored and marked flowers appear early the second season and continue to bloom until frost. It has a wide range of colors and was grown in the gardens of fifty years ago when people seemed to take more pleasure from the home than they do today. Price: Packet 10c. Postpaid.

## DECORATIVE PLANTS

While a great variety of flowers and plants may be grown out of doors in a single season from seed quite a number must be started in the house or under glass. Our green house is in charge of experts who have studied and know the best strains to start and the best methods of starting them and we are particularly confident that you will be well pleased with the plants which we offer here if you favor us with an order for some of them.

### SUMMER FLOWERING BULBS

**Gladiolus**—Good mixed, named varieties. Price, per dozen \$1.00. Postpaid.

**Gladiolus**--Extra fancy, in either white, red, pink or blue. Price, per dozen \$1.25, postpaid.

**Cannas**—Dry bulbs. Price, each 20c, postpaid.

### WALL FLOWER

This will cheer the dreariest winter day with a reminder of summers past and to come. Start the plants indoors early in the spring; when three inches high set into pots; when season has warmed up, transplant into the garden; before frost in the fall, put plants into pots or window box and enjoy handsome blooms all winter.

**Triumph**—A distinct blood red blossom of large size and velvety texture. Price: Packet 10c. Postpaid.

### WILD CUCUMBER

A wonderful climber that will cover the porch or fence with beautiful foliage that lasts the entire summer. Price: Packet 10c. Postpaid.

### VERBENA

One of the surest bloomers found in the northwest. The blooms grow in clusters, often three inches across and have a pleasant aroma.

**Hybrid Mixed**—A wide range of colors; white to purple with many shades between are often found in a small bed. Price: Packet 10c. Postpaid.

### ZINNIA

Stems grow as much as two feet tall and carry blossoms that are large balls of curled twisted leaves of brilliant hues. A very showy flower and an ornament to any garden. Price: Packet 10c. Postpaid.

**Cannas**—Started plants. Price, each 30c, postpaid.

**Dahlias**—All colors, dry bulbs. Price, each 25c, postpaid.

**Cinnamon Vine**—Price, each 10c, postpaid.

**Maderia Vine**—Popular climbers. Price per dozen \$1.00, postpaid.

**Peony Roots**—Best sorts (state color). Strong roots. Price, each 50c, per dozen \$5.00, postpaid.

## FLOWERING BULBS FOR FALL PLANTING

During the war, and the unsettled period at its close, the parent stocks of this class of plants which were nearly all imported from Europe were scarce and difficult to obtain; but conditions are becoming settled and we are again able to obtain most of the commonly sold bulbs.

We list those of which we are certain and would ask that, if you want something not shown here, write to us about it; we keep in touch with the markets and hope to have everything that is available at all times but do not quote those of which we are not positive.

Daffodils — Double Yellow, \$1.00 per dozen, postpaid

Narcissus--Paper White, 75c per dozen, postpaid.

Calla Lily—50c each, postpaid.

Easter Lily—50c each, postpaid.

Fresia—50c dozen, postpaid.

Tulips—\$1.00 per dozen, postpaid.

## HARDY PERENNIAL PLANTS

(May be planted either in spring or fall.)

Hardy Aster—Purple flowers, strong clumps. Price 35c each, postpaid.

Coreopsis—Tall yellow flowers. Price, 25c each, postpaid.

Day Lily — Yellow. Price 35c each, postpaid.

Shasta Daisy — Price 35c each, postpaid.

Forget-Me-Not—Price 35c each, postpaid.

Fox Glove—Price 35c each, postpaid.

Galliarda—Price 25c each, postpaid.

Golden Glow—Price 35c each, postpaid.

Hollyhock—Price 25c each, postpaid.

Iris—Blue and yellow varieties.. Price 25c each, postpaid.

Larkspur—Large clumps, assorted colors. Price 50c each, postpaid.

Hardy Lillies—Price 25c each, postpaid.

Oriental Poppies — Assorted colors. Price \$2.00 per dozen, postpaid.

Sweet William — Price \$2 per dozen, postpaid.

## SPRING BEDDING PLANTS

(For flower bed, porch box, or window)

Aster Plants—Seedlings. Price, 50c dozen.

Asters—Pot grown. Price \$1.00 per dozen.

Ageratum—Purple and white, for edging. Price \$2.00 per dozen.

Alyssum—Price 35c per dozen.

Coleus or Foliage Plant. Price 15c each.

Geraniums—Standard varieties. Price \$4.00 per dozen.

Geraniums — Fancy leaved varieties. Price 50c each.

Geraniums — Pelargonium or Lady Washington. Price 75c to \$1.00.

Marguerite Daisies—Price 35c each.

Lobelias—Excellent for borders. Price \$1.00 per dozen.

Salvia or Scarlet Sage—Large plants. Price \$1.50 per dozen.

Heliotrope—Three inch pots. Price 20c each.

Heilotrope—Four inch pots. Price 35c each.

Verbena—Price 75c per dozen.

Feverfew — Large plants in bloom. Price 35c each.

Pansy Plants—Finest strains. Price 50c per dozen.

Petunia—Single flowers. Price: 35c dozen.

Petunia — Double flower. Price 25c each.

Phlox Drummondi—Price 35c per dozen.

Stocks—Ten weeks. Price 35c per dozen.



## WINTER BLOOMING AND DECORATIVE PLANTS

Here we list a number of plants which will be ornaments to any home; they are full grown plants usually in bud or bloom and will be a decided addition to the decorations in any house.

**Asparagus Plumosus or Lace Fern** — Four inch pots. Each 50c.

**Asparagus Plumosus**—Five inch pots. Each \$1.00.

**Asparagus Sprengeri**—Trailing fern. Each 50c.

**Begonias, Foliage**—12 varieties in different colors. Each 35c to 50c.

**Chrysanthemums**—White, pink, yellow, large plants. Each 75c and \$1.00.

**Cyclamen or Alpine Violet**—Five inch pots. Each \$1.50.

**Cineraria**—Large purple flowers. Each 50c.

**Fuschia**—Many varieties, single and double flowers, 3 inch pot. Each 40c.

**Fuschia**—4 inch pot. Each 50c.

**Hydragena** — Large plants 2 to 10 flower heads. Each \$1.50 to \$2.00.

**Dutch Hyacinth**—In bloom, 4 inch pots. Each 50c.

**English Ivy**—Large plants.. Each 50c.

**Impatien Sultana**—Perpetual Bloomer. Each 50c.

**Lantanna**—Standard and weeping varieties. Each 35c.

**Boston Ferns**—4 inch pots. Each 75c.

**Boston Ferns**—5 inch pots. Each \$1.50.

**Kentio Palms**—5 to 9 inch pots. Each \$1.50 to \$8.00.

**Primula Obconica**—Ever blooming—4 inch pots. Each 50c.

**Jerusalem Cherries**—Full of fruit—5 inch pots, each \$1.00; 6 inch pots, each \$1.50.

**Christmas Peppers**—5 inch pot, each 75c; 4 inch pot, each 40c.

**Poinsettias**—Single plants, each 75c; several plants in pan per pan \$1.50 to \$2.50.

**Periwinkles**—Ever bloomers, each 35c.

**Rose Plants**—4 inch pots, each 50c; 5 inch pots, each 75c. We have the following varieties of roses: Richmond, red; Killarney, pink; Bride, white; and Baby Ramblers.

**SPECIAL NOTICE:** We cannot ship spring bedding or winter blooming plants by parcel post; the prices named are for plants packed ready for shipment and must be shipped by express charges collect.

## CUT FLOWERS

We can supply choice cut flowers of the kind named during the months noted. These flowers are grown here at Valley City, our service is quick and stocks always fresh.

Richmond Red Roses, year around .....	\$ 2.50 to \$ 4.00
Killarney Pink Roses, year around .....	2.50 to 4.00
Bride White Roses, year around .....	2.50 to 4.00
Chrysanthemums, Sept. to Dec., white, yellow and pink, 1st size....	6.00
Chrysanthemums, Sept. to Dec., white, yellow and pink, 2nd size....	4.00
Carnations, red, white and pink, year around .....	1.25 to 2.00
Smilax, per string, 3 to 4 feet .....	.40
Narcissus, white, Nov. to Feb. ....	1.00
Tulips, all colors, Jan. to June .....	1.00
Daffodils, yellow, Feb. to May .....	1.00
Gladiolus, April to Sept. ....	2 00
Peonies, May to June .....	2.00

# SEED CORN

"The average price per acre of the farm land in a community will be in proportion to the number of acres of corn raised there" was the saying of a successful eastern farmer who was looking at land in this section last season. The men who have made a business of farming—and it requires more business ability to farm successfully than to carry through most of the business ventures—have found that diversified farming is the only business method which will be a success. When stock becomes one of the principal market products of a community, the community becomes more prosperous than the grain farming community which it takes the place of. When the people in any community raise stock, one of the main questions is FEED; this is the point in the development of a section of any grain raising state where corn becomes the main issue.

Corn produces the greatest amount of roughage that may be obtained from a given amount of land; corn will produce the grain crop that will yield the largest number of pounds of beef or pork per acre of any cultivated crop; corn, properly cared for, will leave a field that will produce the heaviest crop of other grain that will be grown upon the farm the year following corn.

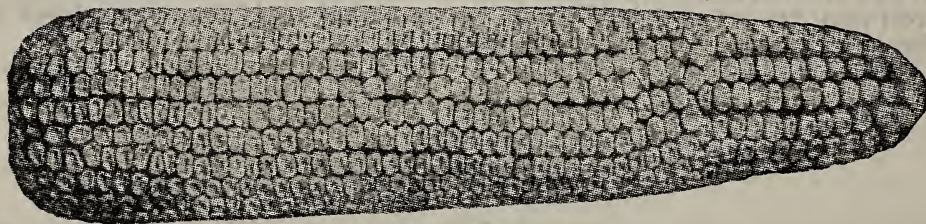
Our farms that have been cropped thirty years or more have become so foul that if summerfallowed, the field must be worked all season to prevent weeds maturing a crop of seed; very little more work than is required for good summer-fallowing will make a good crop of corn.

In fact, with high priced machinery and higher priced labor, farming has come to a point where we must diversify or quit and the man who soonest realizes this fact and changes his methods to suit the new conditions will soonest reap the rewards to be derived from correct farming.

## North Dakota White Dent

Last year we urged our customers to plant a large acreage of this variety and we are pleased to say "I told you so" as the men who planted as we urged have a crop of ripe corn, despite the unfavorable weather, while many others who did not have home grown seed did not get roughage.

This corn stood up under the extreme dry weather better than any other variety we have been able to examine this season, and yielded a crop of ripe ears and



North Dakota White Dent

a large supply of roughage. It grows six to nine feet tall and each stalk bears two to five ears that are a foot and a half from the ground, thus making cutting with a binder possible. The ears are six to ten inches long and have 14 rows of deep white kernels and a very small cob. We again, urge our customers to plant this variety to raise corn. Price:  $\frac{1}{4}$  bushel \$1.50;  $\frac{1}{2}$  bushel \$2.50; bushel \$4.50. By freight or express at purchaser's expense. Sacks extra 55c each.

## Northwest Dent

A cross between a red flint corn and a yellow dent corn; it was the first variety which could be depended upon to ripen in this country and has many firm friends who tried other kinds that failed then went back to the "old reliable." Our seed in North Dakota is grown, carefully dried and shows excellent germination. Price:  $\frac{1}{4}$  bushel \$1.25;  $\frac{1}{2}$  bushel \$2.25; bushel \$4.00 by freight or express at purchaser's expense. Sacks extra 55c each.

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## Minnesota 13

Prof. W. M. Hays, now Assistant Secretary of Agriculture at Washington, D. C., originated this variety while he was in charge of the Minnesota Experiment Station and his promotion was in recognition of his work for the farmers of the northwest. This corn is considered to have the highest feeding value of any of the varieties grown in this section. A large ear, containing 16 to 20 rows of bright yellow kernels, is carried well up on a stout stalk with heavy foliage and the crop makes both feed and roughage. We have North Dakota grown seed of good germination. Price:  $\frac{1}{4}$  bushel \$1.25;  $\frac{1}{2}$  bushel \$2.25; bushel \$4.00 by freight or express at purchaser's expense. Sacks extra 55c each.

## White Rustler

This is the parent of our North Dakota White Dent; upon a farm less than fifteen miles from Valley City is growing a crop of this variety of corn which is the twelfth crop from seed raised upon the quarter section upon which the present crop is growing—the seed has ripened every year and this farmer has supplied many of his neighbors with seed during the years he has been raising this variety.

White Rustler seems to stand more bad weather than the other kinds of dent corn. North Dakota seed Price:  $\frac{1}{4}$  bushel \$1.25;  $\frac{1}{2}$  bushel \$2.50; bushel \$4.00 by freight or express at purchaser's expense. Sacks extra 55c each.

## Flint Corn

As the "corn belt" has been moved north each section of the country has first raised flint corn, then developed a dent that would survive the change of conditions from the next area south where corn was firmly established. Flint corn does not, usually, grow so large as dent corn and does not have the foliage; but if you are planting only for corn and care nothing for foliage, plant flint corn.

We offer here three varieties of flint corn and you may plant either of them with the assurance that they will ripen each year in this country.

**North Dakota White Flint**—Exceptionally early; bears large well filled cobs that grow well off the ground. Price:  $\frac{1}{4}$  bush-

el \$1.25;  $\frac{1}{2}$  bushel \$2.25; bushel \$4.00 by freight or express at purchaser's expense. Sacks extra 55c each.

**Gehu Flint**—(The Earliest of Yellow Flints)—Many people claim that yellow corn is better feed than any other kind. This is the yellow kind that ripens year after year. Price:  $\frac{1}{4}$  bushel \$1.25;  $\frac{1}{2}$  bushel \$2.25; bushel \$4.00 by freight or express at purchaser's expense. Sacks extra 55c each.

**Squaw Flint**—The Indians were raising corn when the white men first came into this country; this strain was selected out of corn obtained from them and the seed men have, by careful selection, improved both the quality and yield of this variety of corn. It grows upon a short stalk, each stalk carrying numerous ears filled from end to end with flinty kernels that are colored like the rainbow. This is the best for "hogging off." Plant a field of it and when the hog pasture is dry, turn the hogs into the squaw corn and they will clean up the corn and stalks and fatten while consuming it. Price:  $\frac{1}{4}$  bushel \$1.25;  $\frac{1}{2}$  bushel \$2.25; bushel \$4.00 by freight or express at purchaser's expense. Sacks extra 55 each.

## Fodder Corn

All of our fodder corn is bought in the south and is shipped to us in especially heavy burlap bags which cost 15c each and these bags will be furnished with fodder corn at the same price, 15c each.

This is planted where a heavy crop of forage and little or no grain is expected. We supply southern grown seed and ten foot stalks in ten weeks is not an uncommon growth; if planted thick in the rows, stalks do not get so tall or thick and ten tons of fodder all of which stock will clean up may be grown from a single acre.

**Large Yellow Dent**—A tall jointed stalk bearing many broad leaves. Price:  $\frac{1}{4}$  bushel 70c;  $\frac{1}{2}$  bushel \$1.25; bushel \$2.25. by freight or express at purchaser's expense.

**Red Cob Fodder**—A white dent corn grown upon a red cob; gives a heavy crop of fodder and many seasons a large number of well formed ears will be found through the field. Price:  $\frac{1}{4}$  bushel 75c;

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½ bushel \$1.25; bushel \$2.25 by freight or express at purchaser's expense.

**Elephant Fodder Corn**—This grows upon an especially leafy stalk, usually 7 to 8 feet tall and produces a fair crop of ears—not so large a crop of fodder as the other fodder corn and not so sure to ripen ears as the regular variety of field corn but a combination of fodder and ears is produced which many people say is better feed than either field or fodder corn alone. Price: ¼ bushel 75c; ½ bushel \$1.25; bushel \$2.25 by freight or express at purchaser's expense.

## Sweet Corn Fodder

Many of our customers raise for roughage sweet corn which is cut and cured, then fed cobs and fodder together. They claim that this makes better fodder than the regular fodder corn. We offer a medium early southern grown sweet corn which makes a rank growth of fodder and produces many ears. Price: \$8.00 per hundred pounds by freight or express at purchaser's expense.

## Amber Cane

This is a sorghum plant of the same family as that planted to raise sugar cane in the south. It should be seeded later than corn for best results and does best if cultivated as corn should be. Plant 12 or 15 pounds per acre in rows to cultivate and about 30 pounds if broadcast.

The stems are small and juicy and many broad leaves grow upon each plant; six tons of dried fodder per acre is a common yield. Cut the crop with the binder and shock in long narrow shocks. Leave it shocked until well cured as there is so much sap in the stalks and leaves that it will not dry if put into stacks. The bundles are smooth and will catch very little snow so many of our farmers leave the cane in the field until wanted in the barn as it bothers very little freezing down as corn often does if left standing in shocks after snow falls.

In 1910 we sold 500 pounds of this seed to farmers who experimented with it; our trade has increased until we have bought two car loads of seed for next season. Where a farmer planted cane one year, we have sold seed to at least half a dozen of his neighbors the following season. Price \$4.00 per hundred

pounds by freight or express at purchaser's expense. Sacks extra 55c each.

## Sudan Grass

This is a sorghum that grows larger than cane. Being southern grown it does best after the warm weather has settled. A number of farmers near here who were afraid that their pastures were not large enough for the stock they were keeping planted a field of Sudan Grass beside the pasture last spring and when the other pasture was gone turned the stock upon the Sudan and they report that a wonderful crop of mid-summer feed was raised from a few acres of this grass.

Down in Kansas, they put lots of Sudan Grass into the silos and claim that it makes as many pounds of much better feed per acre as corn will produce for ensilage.

A number of farmers who had land a little low cut two crops of the finest hay they ever harvested from Sudan planted in May.

Use 25 pounds of seed per acre broadcast and eight pounds in drills to be cultivated. Price: \$9.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

## Kaffir Corn

This is much raised in the older parts of the United States both for seed when ripe and for roughage if cut green; the stalk grows about five feet high and has many wide branches; the seed grows in a cluster and makes an exceptionally fine poultry food—20 to 50 bushels per acre being the range of yield of seed while it produces up to four tons of dry fodder per acre when cut green. Price 4½c per pound by freight or express at purchaser's expense. Sacks extra 55c each.

## Rape

One of the most successful hog raisers in the country said at a farmer's meeting "All the money my hogs ever made me was the pork they made while upon pasture." He insisted that any time prices of pork and feed grains were in the normal relation, a bunch of hogs that had not been stunted would put on flesh enough to pay for any feed grain given them, and

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pay for the labor taking care of them; but the profit always came, in his experience, from the pasture.

Rape is one of the best pastures that can be grown for hogs; have two fields fenced so that when one is fed down the hogs may be turned into the other and by changing the hogs from one to the other field a large number of them may be raised upon a small acreage.

**Dwarf Essex**—The leading variety of rape; it grows quickly, has heavy leaf crop and will send out new leaves when one crop is removed. Price: 11c per pound by freight or express at purchaser's expense. Sacks extra 55c each.

## Soy Beans

The person who never tried anything new never learned much; this is true of farming as well as other walks of life.

Soy Beans make a most excellent forage crop growing 3 to 5 feet high and bearing a bushy growth of foliage that makes excellent fodder if cut green while the seed often yields as much as 50 bushels per acre of rich feed if ripened and threshed. Then the Soy Bean is a legume which takes nitrogen from the air and leaves it in lumps or "nodules" to be found upon the roots. Nitrogen is the most essential of the elements in plant food and all other growths take some of it out of the soil and put nothing in its place. Soy Beans will build up a worn out field while producing a crop of fodder. Price: 25c per pound. Post-paid.

## Canadian Field Peas

Here is another soil builder which more than pays its way. Field Peas are grown for hay; the vines reach three or four feet high and have many branches and leaves and yield a heavy crop of finest hay. They are planted for pasture and make a most excellent mid-summer pasture for any stock. They are planted for "hogging off" and a bunch of young pigs turned into a field of ripe peas will "grow like weeds" and put on much flesh while doing it. They are ripened and threshed and often yield 40 bushels of grain that is readily marketed or will pay big if ground and fed to stock.

Beside the returns from the crop taken off the field, the field will be in better condition for the following crop than before the peas were sown because the vines gather nitrogen and store it as Soy Beans do upon the roots.

Try a few acres of one of these soil builders and after you have seen the difference in the crop the following year you will always plant them. Price: \$4.50 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Sweet Clover

There is an old saying "You cannot have your loaf and eat it too" but you can raise a profitable crop of Sweet Clover and have your field richer when the Sweet Clover is taken off than it was before you planted the Sweet Clover. This is one of the few plants which leaves more nitrogen in the soil than it finds there and nitrogen is the one element that is taken, more than any other, by grain crops.

Sweet Clover is biennial and if sown with a grain crop this season will yield two cuttings of fine hay, or a crop of hay and second cutting for seed next year—and leave more nitrogen in the soil than was there. Land upon which Sweet Clover has been grown becomes inoculated for alfalfa and insures a growth of this, the best permanent pasture or hay crop known to the world, if planted after the Sweet Clover. Price: \$18.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

## Alfalfa

This is the best hay or pasture crop known to man and the country where Alfalfa can be grown will raise better stock cheaper than the place using any other feed or combination of other feeds.

Though it requires considerable work to prepare land for sowing Alfalfa a field once established will continue to yield hay or pasture for generations. There are fields in Barnes County that have been producing Alfalfa for 15 years and the past season, in spite of unfavorable weather, over two tons of hay per acre was harvested from some of them.

**Grimm Alfalfa**—About 20 years ago a progressive farmer in Minnesota found

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some particularly hardy spots in a field of Alfalfa; he gathered the seed from these spots and by careful planting and selection has established a strain of Alfalfa which is especially adapted to northwestern conditions. We offer seed from fields planted with stock that traces back to this pioneer's seed. Price: \$50.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

**Northern Brand**—In parts of North Dakota and eastern Montana good farmers established Alfalfa fields about ten years ago; these fields have lived thru dry years and wet years; hard winters and easy winters; so we feel that the seed from these fields will do for any farmer who gives it a chance what it has done during ten years for the original growers. We have sold the seed from these fields for eight years and have scores of satisfied customers who planted our **NORTHERN BRAND ALFALFA**. Price: \$32.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

### Bromus Inermis

The one grass which will grow any time and any place in North Dakota. It is best for pasture as the stools spread along the ground and a large part of the growth will be missed by a mower. The stock will stay upon it early and late if allowed to do so.

The seed department of the Agricultural College sends men through the state during the growing season who will examine any field and report the presence or absence of quack grass in it. We buy our bromus only from fields that have been examined and found clean by the authorities so you need not fear quack when buying bromus from us. Price of seed \$18.00 per hundred pounds by freight or express at purchaser's expense.

### Wheat Grass

(Also called Rye Grass)

This is somewhat similar to bromus but the stalks grow taller and it makes more hay per acre than bromus, though it will not pasture any more stock. We have seeds from fields approved by the A. C. seed experts. Price: \$17.00 per hundred pounds by freight or express at purchaser's expense.

### Kentucky Blue Grass

The world's best horses are raised upon Blue Grass pastures. Blue Grass is usually considered as belonging in a warm country but it does well in North Dakota and similar climates; this may be proved by examining the best lawn in any town in the country—it will be found to be composed largely of Blue grass. And if the same care is taken starting a field or meadow of blue grass that is taken starting a lawn an excellent stand of Blue Grass will be obtained. Price of seed \$30.00 per hundred pounds, by freight or express at purchaser's expense. Per pound postpaid 40c.

### White Dutch Clover

This is much planted for lawns and the deep green covered with dainty white heads makes a handsome lawn. But White Clover makes excellent pasture and a large amount of most nutritious feed will be obtained from a small pasture; but it does not grow high enough for hay. Price \$60.00 per hundred pounds by freight of express at purchaser's expense. Sacks extra 55c each. Per pound postpaid 70c.

### Timothy

This is considered the main hay and pasture crop in the great corn states and though it does not "catch" every year, many good fields of Timothy are to be found in North Dakota. In fact we shipped a car load of Timothy seed out of Valley City last year, beside having a liberal stock for filling our orders; all of this seed was grown locally. Price of home grown, carefully cleaned and tested for germination seed \$7.50 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

### Red Top

This is best adapted to low rich land and will thrive where all ordinary grasses will be killed by standing water during the spring. An excellent hay crop where ground is right for it. Price: \$25.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

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## Medium Red Clover

Much grown for hay and pasture in the older states and does well here if protected through the first fall to keep from winter killing. Many good fields have been started by planting a few pounds of seed with grain crops each season for three or four years. This method seems to inoculate the soil and when the field is covered with clover seed all of it starts and makes a good catch. Price: \$35.00 per hundred pounds by freight of express at purchaser's expense. Sacks extra 55c each.

## Alsike Clover

This is more hardy than medium red clover and stands more moisture than other clovers. Has a very small stem and many broad leaves making an excellent hay crop; it will grow 2½ or 3 feet high by middle of July and should be cut for hay as soon as the blooms appear. Price \$40.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

## Millet

Many substitutes are offered for Millet but the man milking cows finds that he receives a better flow of milk when feeding properly cured Millet hay than from any other roughage. Plant it after the corn as the quicker it grows the better feed the hay becomes.

## Siberian Millet

We sold more of this variety than all others combined last year. It produces a finer hay than the other sorts and seems to agree with horses better than the hay from the other sorts. Price: \$2.00 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Golden Millet

The latest development in hay millet; produces a large crop of heavy stems with broad leaves; more hay per acre from this than any other millet. Price: \$2.25 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Japanese Millet

Grows as much as ten feet tall and makes a wonderful crop of roughage but stock will clean up leaves and stalks. Price \$8.00 per hundred pounds by freight or express at purchaser's expense. Sacks extra 55c each.

## Broom Corn Millet

This does not grow so tall as the other millets but branches so that the straw resembles small broom corn; the seed makes excellent hog feed and some seedmen call this variety "Hog Millet." Price \$2.00 per bushel by freight or express at purchaser's expense. Sacks extra 50c each.

## Early Fortune Millet

The fodder resembles broom corn millet and the seed, which is red is good feed for hogs or poultry. Price: \$2.00 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Common Millet

The old white millet that was raised for many years before the other varieties were selected from it; many farmers still claim that it produces the best crop of all. Price: \$2.00 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

We have always claimed, and we still believe, that the best hay is obtained by planting southern grown millet seed. Nature's aim when a seed is placed in the ground is to make the seed reproduce itself. Millet from home grown seed ripens sooner and usually yields a larger crop of seed than from southern grown seed; but the southern seed, raised where the growing season is longer will produce more foliage (just as corn from southern seed grows larger stalks than from home grown seed) and give a better crop of hay. All of the millets upon which we have made prices in the descriptions before this article are guaranteed Kansas grown seed of high germination.

But there will always be some people who want the cheapest of any commodity which they are buying—and some dealers will always want to sell the cheapest of the kind of merchandise they are selling.

To meet this competition and satisfy the  
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trade that wants cheap millet we have this season bought a stock of home grown Siberian Millet. It is nice looking seed, well cleaned and of high germination and we offer this North Dakota grown Siberian Millet at \$1.75 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

We also have a limited amount of home grown Broom Corn or Hog Millet which we would advise planting if you want a crop of seed for hogs or chickens but do not care for the hay. Price \$1.75 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Oats

Our state had a good crop of Oats in 1920 but the best yields in this vicinity were obtained from New Victory Oats. This being a variety obtained from the Royal Agricultural College of Sweden in 1915 by one of the oldest seed houses in America. These importers tried the seed in 1915 upon their plots and the results were such that they put the new oat upon the market first in 1918; the next season we sold a car load to our trade tributary to Valley City and despite bad weather and grasshoppers our customers were well pleased with the returns in 1919. We have contracted for a stock raised upon new ground during 1920 where the yield was over 70 bushels per acre by measure of oats weighing more than 40 pounds per bushel and this seed is absolutely free from wild oats.

Most of the oats raised in this state have some wild oats in them and planting mixed seed means mixed crops as well as more foul ground because a large part of the wild oats ripen and fall before the crop is harvested. It will be money well spent for any farmer to sell the home grown mixed seed and get seed free from wild oats; then our customers claim a yield of at least 25 per cent more from New Victory Oats than any of the older kinds planted under similar conditions. Price \$1.00 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Flax

No more plant food is taken from a field to mature a crop of flax than is taken to mature a crop of wheat or oats but some years ago the flax planted where flax had been raised a few years before

failed to mature a crop and the idea became general that "flax is hard on land."

The experts at the Agricultural Colleges soon found that a disease which they called "Flax wilt" was the reason that one field produced a crop and another field farmed and planted in the same manner did not raise any flax. After a number of years of experimenting, they found certain strains of flax that were wilt resistant; in fact some of the strains are practically wilt proof. We obtained a supply of what the N. D. A. C. called No. 52 some years ago and sold it to our trade locally; it gave such excellent results that we have, each season since, bought our stock from some local farmer where we can trace the seed back to the original stock which we obtained from the College.

We offer this No. 52 flax firmly believing that it is the best seed flax that may be obtained any place at any price. Write for prices.

## Barley

The Wisconsin Experiment station developed a variety of barley, some years ago, that yielded a grain containing more protein than any other sort and had the stiffest straw which resisted rust better than any other variety. We offer this Oderbrucker Barley at \$1.25 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Speltz

The feed grain that will grow upon poorer soil and mature faster than any other grain planted in the northwest. But if it is planted upon good soil it will yield a heavy crop of the finest kind of feed for stock. Price \$1.75 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

## Wheat

Last spring, despite the howls of millers who did not want to change their mills to accommodate a new wheat and the advice of many theorists who said it was not valuable, we advised planting D5 wheat and the results have proven the wisdom of our advice. The writer talked to two farmers who lived side by side and were hauling wheat to the same elevator last week. Both were good farm-

**Prices Subject to Change Without Notice**



ers and had similar farms; one planted what the millers said was "milling wheat" last spring and his crop was nine bushels per acre of 2 Northern; the other planted D5 and his crop was 22 bushels per acre for which the elevator was paying 6 cents under 1 Northern.

We said last year and we still believe that the rust resistant wheats will have the same market experience as the first Durum wheat that came to this country; at first the mills did not want it at all; then they took it at 10 to 40 cents per bushel less than Northern and finally paid a premium over Northern for it.

If you are farming for a living and raise wheat to get the money upon which to live, plant rust resistant wheat. : If your farming is just a pastime and you want to do something other people cannot do, plant the old varieties and some year you will "make a killing" but it will be accidental.

We have a fine stock of thoroughly cleaned D5 and ask that you write for prices.

Price \$2.50 per Bushel.

### Buckwheat

The man who never ate Buckwheat pancakes has one real feast "coming to him". Buckwheat will grow upon very light soil and is often planted to clean foul land as it grows fast and is harvested early.

**Silver Hull**—A light grey berry with very thin hull; most desired by the mil-

lers; often yields 50 bushels per acre. Price \$1.75 per bushel by freight or express at purchaser's expense. Sacks extra 55c each.

### Reliable Hen Feed

There is a right and a wrong way to do everything and the wrong way to feed chickens is to do it when you happen to remember—and give them whatever is handy then. The right way is to feed at regular hours and give them a balanced ration. We offer a mixed feed prepared by one of the largest poultry supply houses in the country in **RELIABLE HEN FEED**. This is composed of correct proportions of different grains to keep hens healthy and laying to their full capacity. This feed is all grain and some shell or grit which may be bought for about half the price of grain should be kept before the hens at all times; but do not try to make them eat shell or grit to get the grain they need by mixing the two together. Price: \$3.60 per hundred pounds, sacks included, by freight or express at purchaser's expense.

### Challenge Chick Feed

Young growing chicks require finer feed and different grains than mature chickens. We have a specially prepared feed for young chicks which is offered at \$3.60 per hundred, sacks included; by freight or express at purchaser's expense.

## TESTIMONIALS

Northern Seed Co., Valley City, N. D.

Dear Sirs: I will take pleasure to let you know all the garden seed I got from you last year was fine, especially the Red Globe Onions and the Golden Tankard Mangle sure was fine. I am sending again for the same. Hoping you have some for me.

Yours very truly,

Philip Schmidt, Mott, N. D.

Northern Seed Co., Valley City, N. D.

I have ordered your seeds for three years and have had entire satisfaction; your seeds have never failed to grow and always into good strong hardy plants. You may look for more orders in the future as I have recommended your seeds to many friends.

Miss V. L. Randall, Huntley, Mont.

Northern Seed Co., Valley City, N. D.

Your seeds are the best I have ever seen or used.

Mrs. A. D. Rozeboom, Bowman, N. D.

Northern Seed Co., Valley City, N. D.

I have used your seeds for three successive years and like them fine; I have as good a garden as most any one.

Mrs. Mary Lindblan, Coteau, N. D.

Northern Seed Co., Valley City, N. D.

I planted a large garden last year from your Valley City seed and think they can't be beat.

Mrs. C. R. Fread,  
Sheyenne, N. D.

Northern Seed Co., Valley City, N. D.

We bought the mangel seed from your last spring; we will never buy seed any other place as we think your seeds are the best for this country.

Frank Davis, Stanley, N. D.

Northern Seed Co., Valley City, N. D.

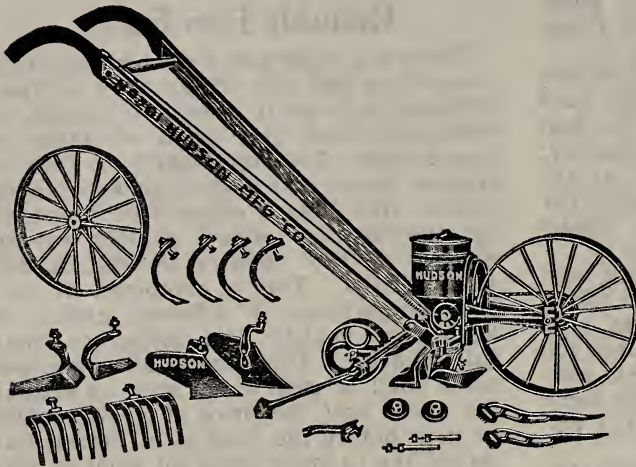
I have planted your seeds for several years and am very much pleased with them.

Mrs. R. E. Huwe, Bristol, S. D.

## GARDEN TOOLS

CULTIVATORS, WHEEL HOES, DRILLS AND HILL SEEDERS

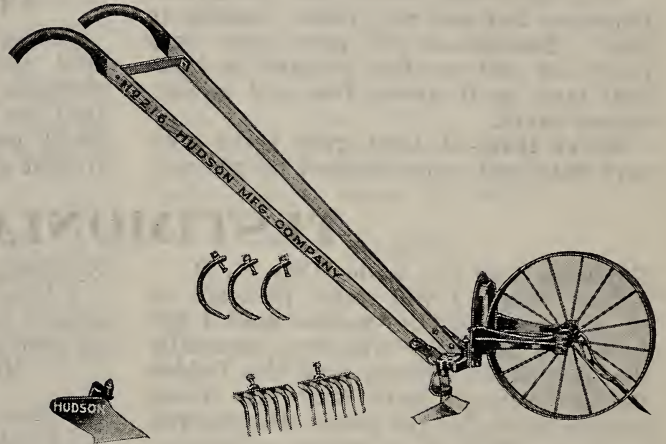
## No. 201



able to suit the tallest persons; wheels sixteen inches in diameter. No. 201 combination seeder complete as shown, weight 55 pounds. Price \$17.50; F. O. B. Valley City, N. Dak.

## No. 216

This tool is very useful for anyone who has a garden, no matter how large or small. It is equipped with hoes, plows, rakes and cultivator teeth. It has a sixteen inch wheel and an adjustable frame, making the tool suitable for all kinds of work. The frame is so constructed that the various attachments may be adjusted to any width of row. By using this cultivator the work of caring for your garden can be done in less than one-quarter the time and will be done better than can be done with a common hoe. Weight, packed, 28 pounds. Price \$7.50, F. O. B. Valley City, N. D.



Northern Seed Co., Valley City, N. D.

Gentlemen: We received your catalog today and forthwith got busy and selected what we needed for our garden. We got nearly all our seed from you last year and found them entirely satisfactory without exception. The onions (Prize-taker) grew to be the largest we ever raised, many measuring four inches across and were very uniform. Wife sold over \$80 worth of vegetables and we have an abundance for our own use till the new stuff is ready. Please find order and

check enclosed. Thanking you in advance, we remain

Mr. and Mrs. Harry Bultema.  
Wimbledon, N. D.

Northern Seed Co., Valley City, N. D.

I find your seed stock is about as well acclimated as any I can get. Have been offered stock at a nearer point but at a higher price and I believe your stock is as good.

John A. Grue.  
Simms, Mont.



# YOUR 1921 GARDEN

USE THIS PAGE TO KEEP A RECORD OF YOUR GARDEN. YOU WILL FIND IT CONVENIENT TO HAVE ANOTHER SEASON

	Variety	Planted Date	Date 1st Used	Grown Amount	Value Crop
Beans.....					
.....					
Beets.....					
.....					
Cabbage.....					
.....					
Cauliflower.....					
Carrots.....					
Citron.....					
Corn.....					
.....					
Cucumbers.....					
.....					
Lettuce.....					
.....					
Onions.....					
.....					
Parsley.....					
Peas.....					
.....					
Radishes.....					
Salsify.....					
.....					
Spinach.....					
Squash.....					
Tomatoes.....					
Turnips.....					
Rutabagas.....					
Watermelons.....					

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Cabbage .....	3	Peas (Field) .....	25
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Cauliflower .....	3	Peppers .....	10
Celery .....	4	Poultry Feed .....	29
Celeriac .....	4	Pumpkins .....	10
Citrons .....	7	Radishes .....	10-11
Clovers .....	25-26-27	Rape .....	24
Corn (Field) .....	22-24	Rat Corn .....	Back Cover
Corn (Pop) .....	5	Red Top .....	26
Corn (Sweet) .....	4- 5	Salsify .....	11
Cucumbers .....	5- 6	Slender Wheat Grass .....	26
Cut Flowers .....	21	Soy Beans .....	25
Egg Plant .....	6	Speltz .....	28
Endive .....	6	Spinach .....	11
Flax .....	28	Squash .....	11-12
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Kale .....	6	Tomatoes .....	12
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While America is trying to feed the world, rats annually destroy \$200,000,000 worth of food stuffs in the United States. Now, as well as during the war, it is the duty of every person to conserve food stuffs. In this connection we offer to the public

## RAT CORN

**The recognized Rat Exterminator. The only known Rat Destroyer that may be used with safety.**

**IT IS HARMLESS TO HUMAN BEINGS  
IT IS NOT A DEADLY POISON  
IT LEAVES NO ODOR**

**SAFE**

**SANE**

**SANITARY**

If you cannot do anything else, you can kill rats. Rat corn is put up in boxes selling at \$1.00, 50 cents and 25 cents. Full directions upon each box.

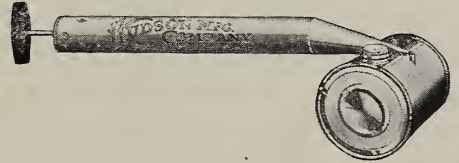
A medium sized box, costing 50 cents, will prepare enough bait to exterminate all of the rats around an ordinary set of buildings.

## GARDEN SPRAYERS

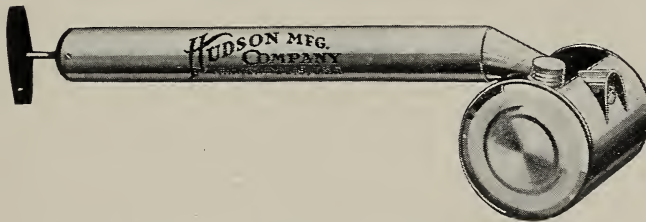
Consider the things a sprayer will do. Put poison upon potato vines; spray chicken houses, roosts and nests; put fly killer upon horses or cattle; treat grain with formaldehyde; spray bushes or trees.

We offer three sizes of sprayers, each an exceptional value for the price asked.

**MIDGET**—A small sprayer for house use, will handle disinfectants, bug-poisons, etc., etc. Length over all, 14 inches. Made of heavy tin. Holds one pint. Price 50c; postpaid.



## NEW MISTY



**NEW MISTY**—A general purpose sprayer, for farm, stable or garden uses. Handles fly-oils, bug-poisons and disinfectants. Has a large powerful pump. Lock seamed can. Made of heavy tin. Tank 4x4½ inches. Length over all 24 inches. Holds one quart. Price 70c; postpaid.

## PERFECTION

**PERFECTION**—For spraying, disinfecting or whitewashing, on plants, bushes, vines, etc. Made of heavy metal, with few parts, strong in construction, powerful in action. Pump has bronze ball valve and is fastened to the top of the tank with heavy threads. Tank 7½ by 20 inches, lock seamed with 26 rivets. Hose attached with clamps. Furnished with automatic shut-off nozzels which will handle whitewash and thin liquids without change of parts. Made of Galvanized Steel or Brass. Weight packed 12 pounds. Galvanized—



**Price \$7.50 by freight or express.**

